

Western Blot of Flk-1/SEAPS Immunoprecipitation with MAb DC101

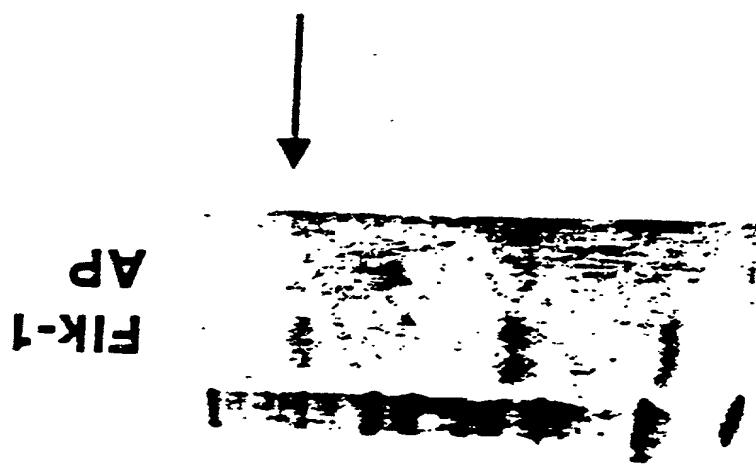


Figure 1

Figure 2a

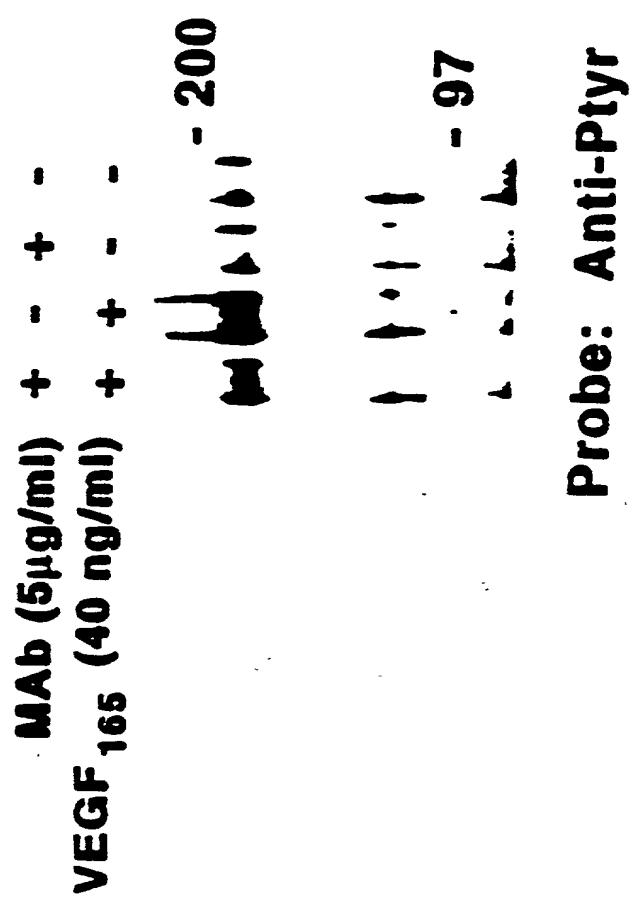


Figure 2b

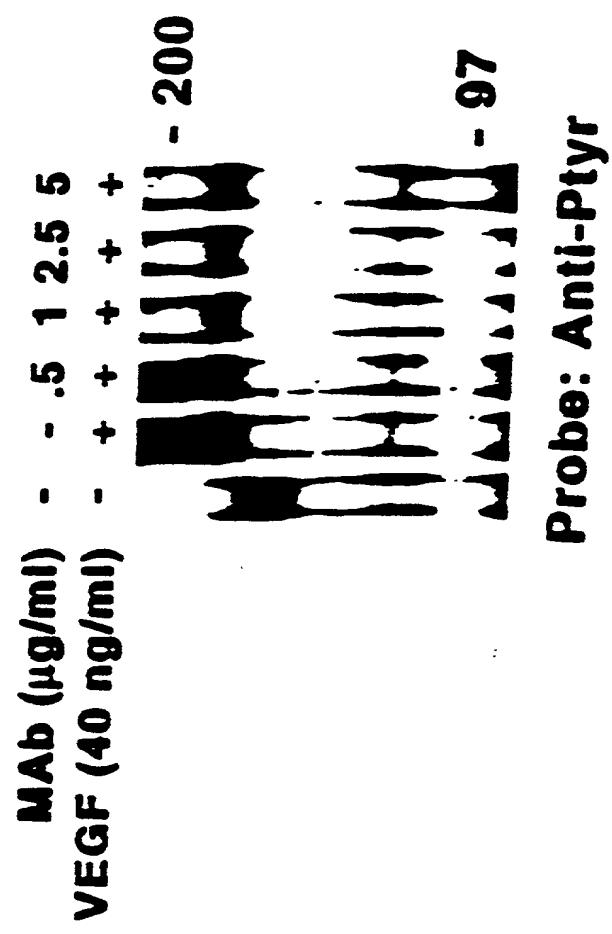


Figure 3

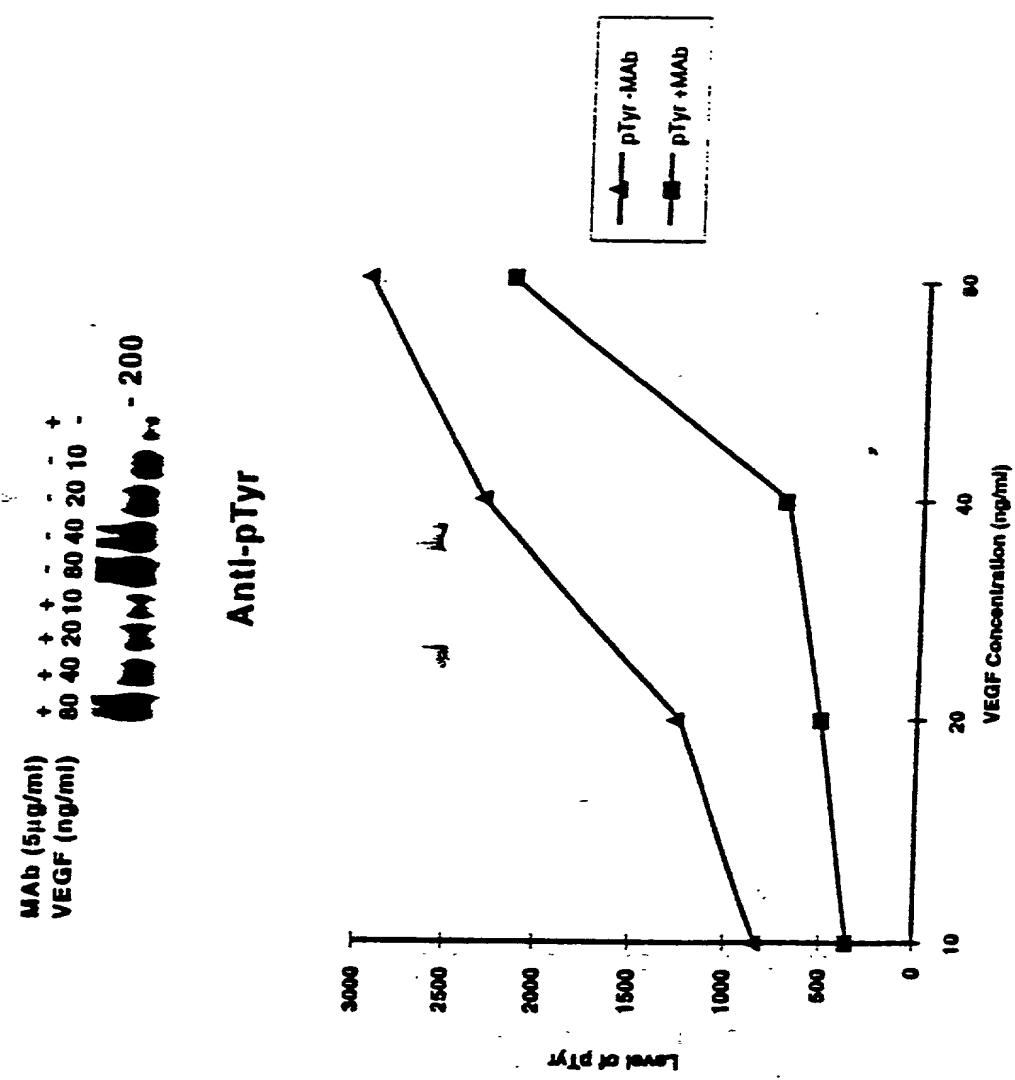


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Inhibition of VEGF-Flik-1/Im8 activation by prebound MAb DC101

Assay conditions:

MAb (5 μ g/ml):	-	+	-	-	P	C
VEGF (ng/ml):	-	-	20	40	40	40



Probe: Anti-Ptyr

Assay conditions: P: MAb prebound 15'; VEGF 15'

C: Competitive assay; MAb + VEGF 15'

Figure 4

Figure 5

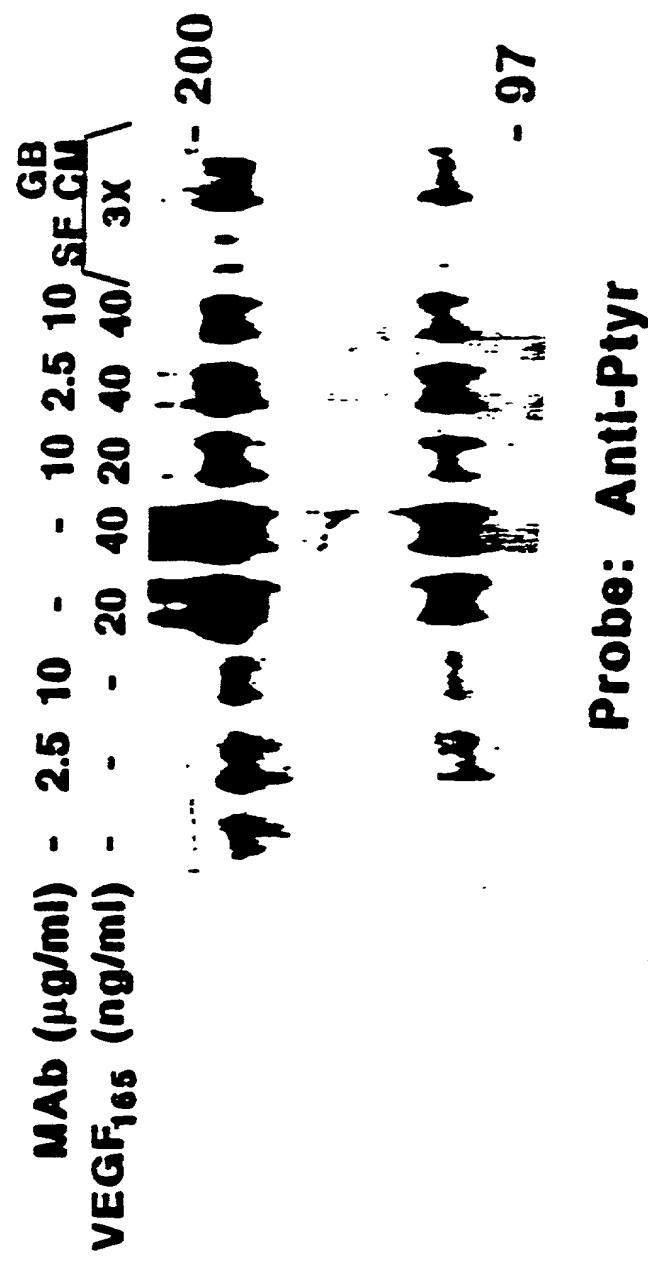


Figure 6

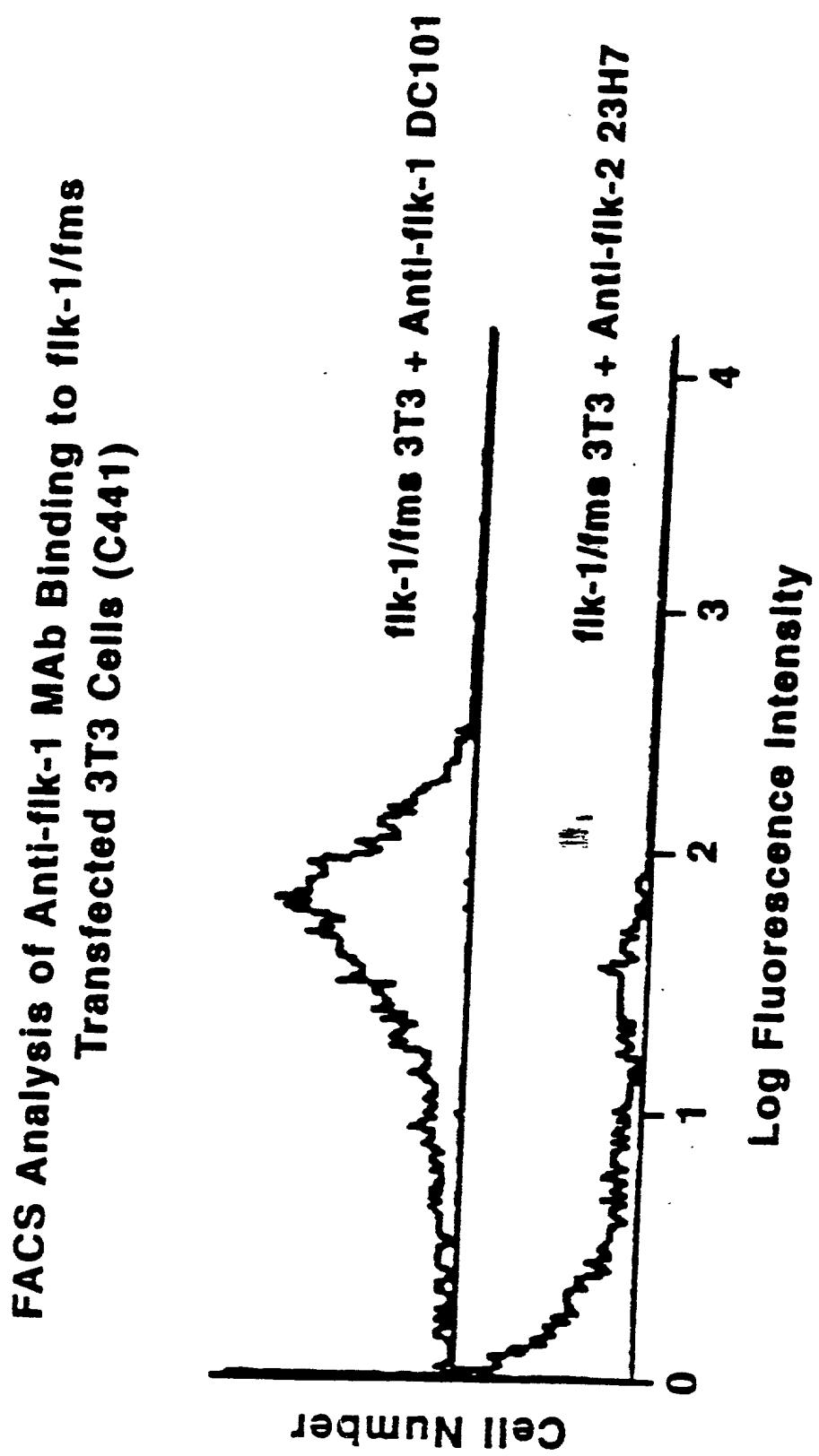


Figure 7
Saturation Binding of MAbs DC101 to the
Flk-1/fms Receptor on the Transfected 3T3 Cell Line C441

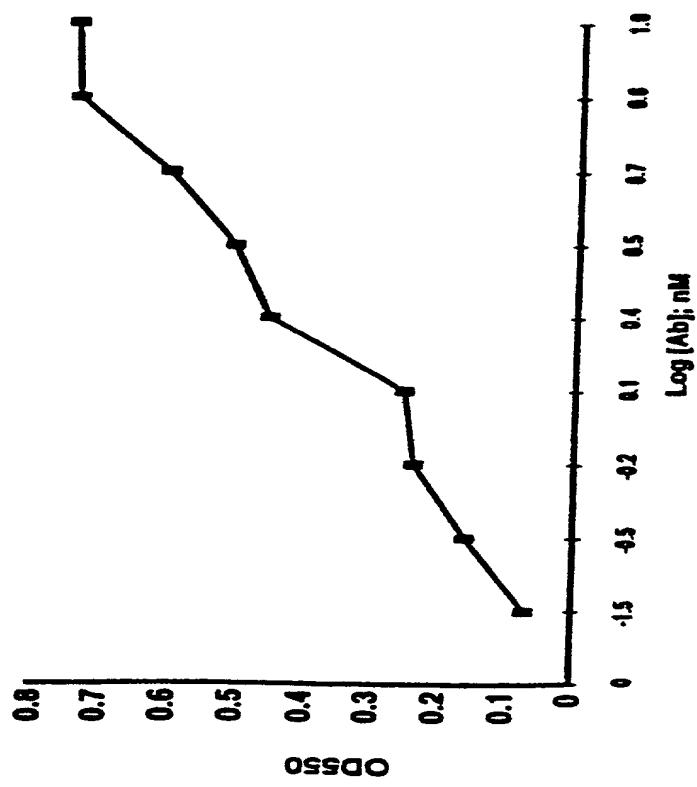


Figure 7

Immunoprecipitation of phosphorylated flk-1/fms from
VEGF stimulated flk-1/fms transfected 3T3 cells.

Antibody: 1 2 3 4
■ ■ - 200

Anti-pTyr

Antibodies:

- 1) Rat anti-flk-2 IgG_{2a} 2A13
- 2) Rat anti-flk-1 IgG₁ DC101
- 3) Rat anti-flk-2 IgG₁ 23H7
- 4) Rabbit anti-fms polyclonal IM 133

Figure 8

Sensitivity of VEGF induced phosphorylation of the Flk-1/fms receptor to inhibition by MAb DC101

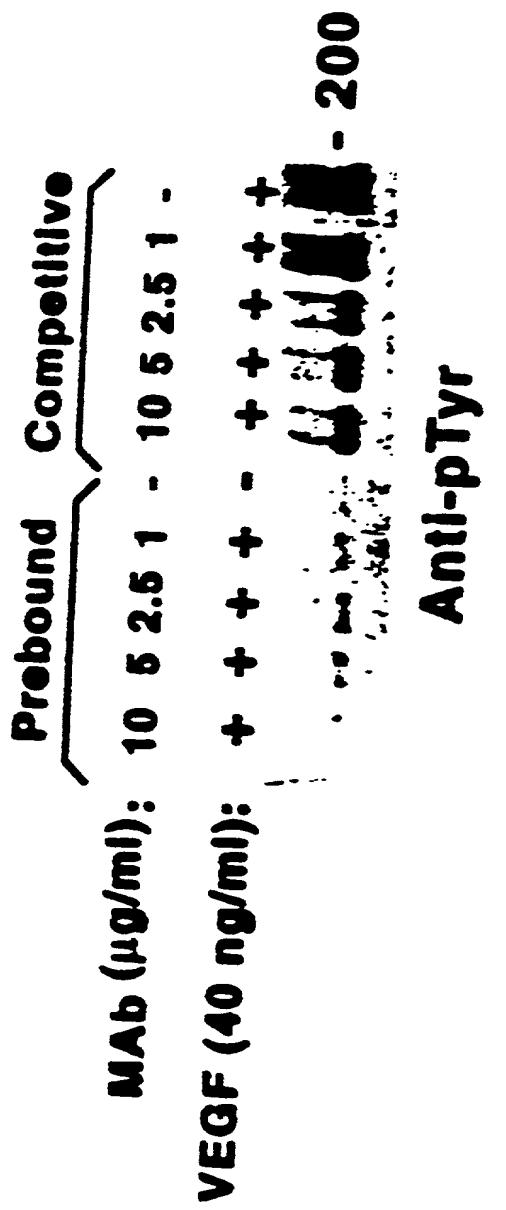


Figure 9

Effect of MAb DC101 on CSF-1 induced phosphorylation of the FMS receptor.

Probe: Anti-p75R

Probe: Anti-p97R

MAb (5 μ g/ml) CSF-1 (ng/ml)

- - + - - + - + - + + +

- 20 40 20 40

- 200 - 97

Figure 10

Specificity of MAb DC101 neutralization of the activated flk-1/fms receptor

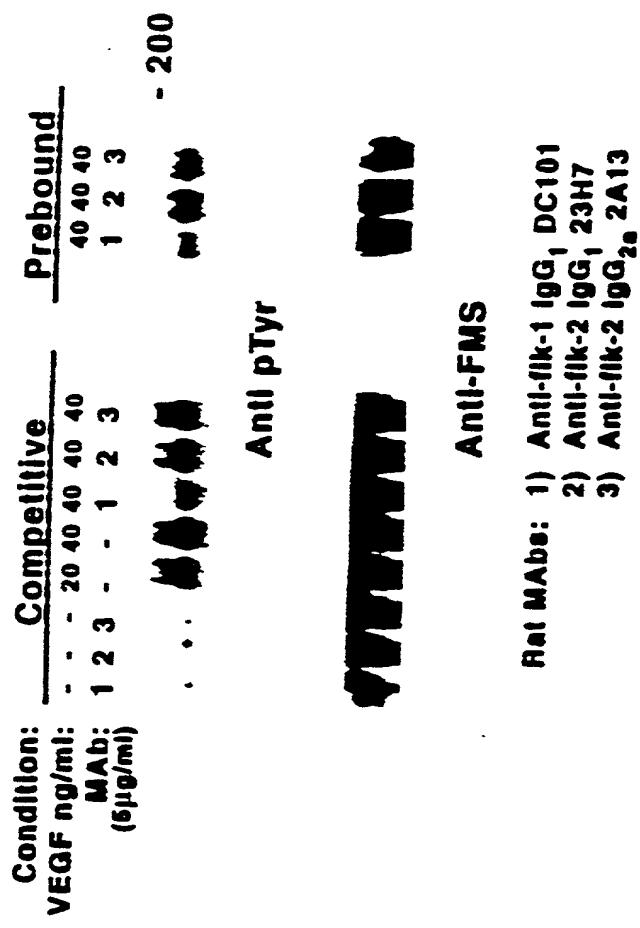


Figure 11

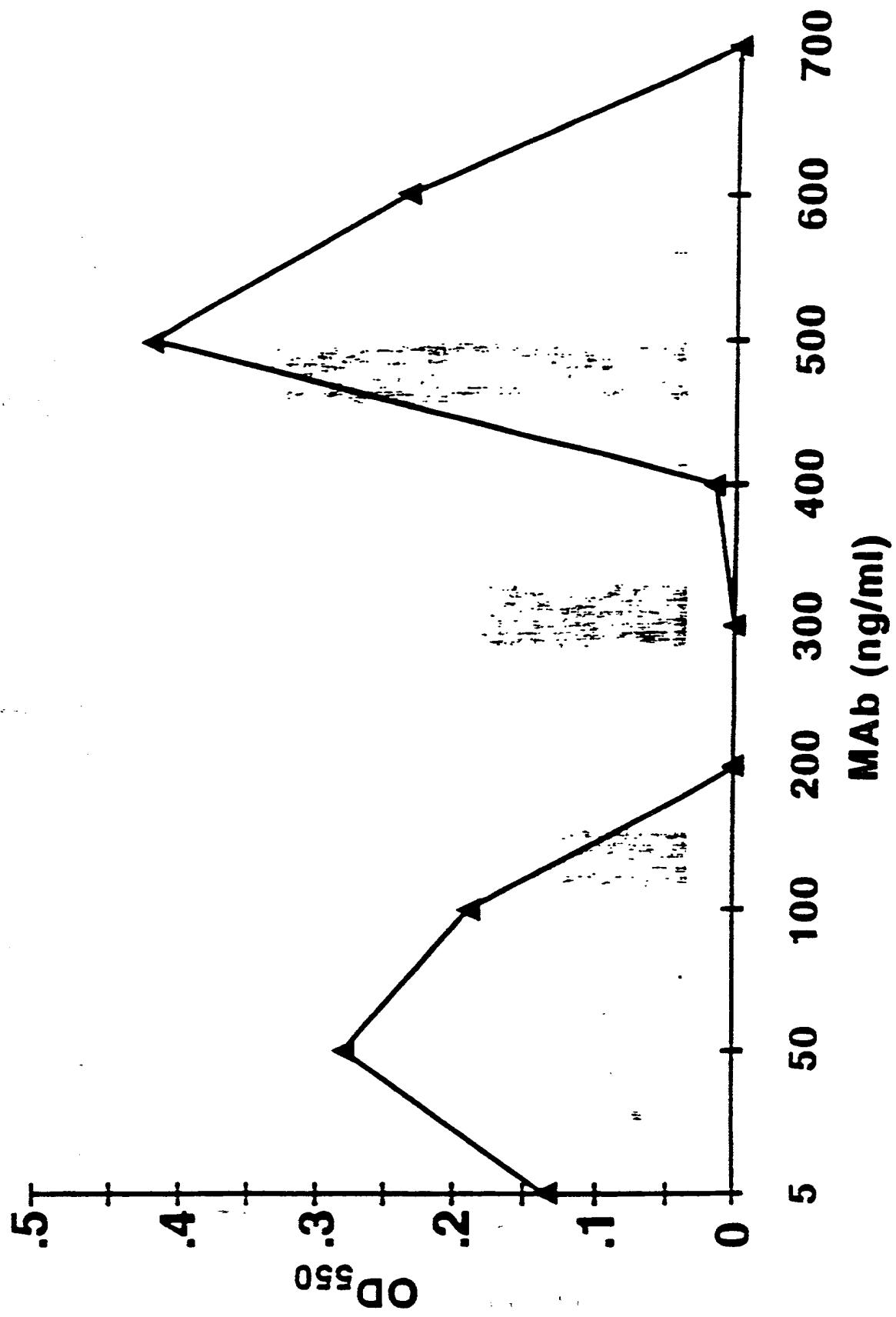


Figure 12

Immunoprecipitation of phosphorylated receptor bands from
VEGF stimulated HUVEC cells

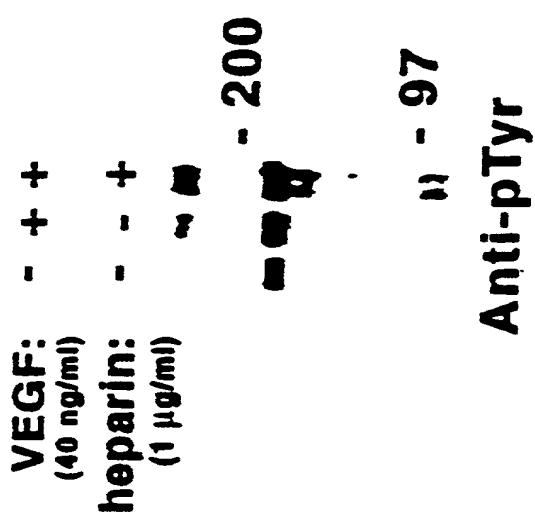
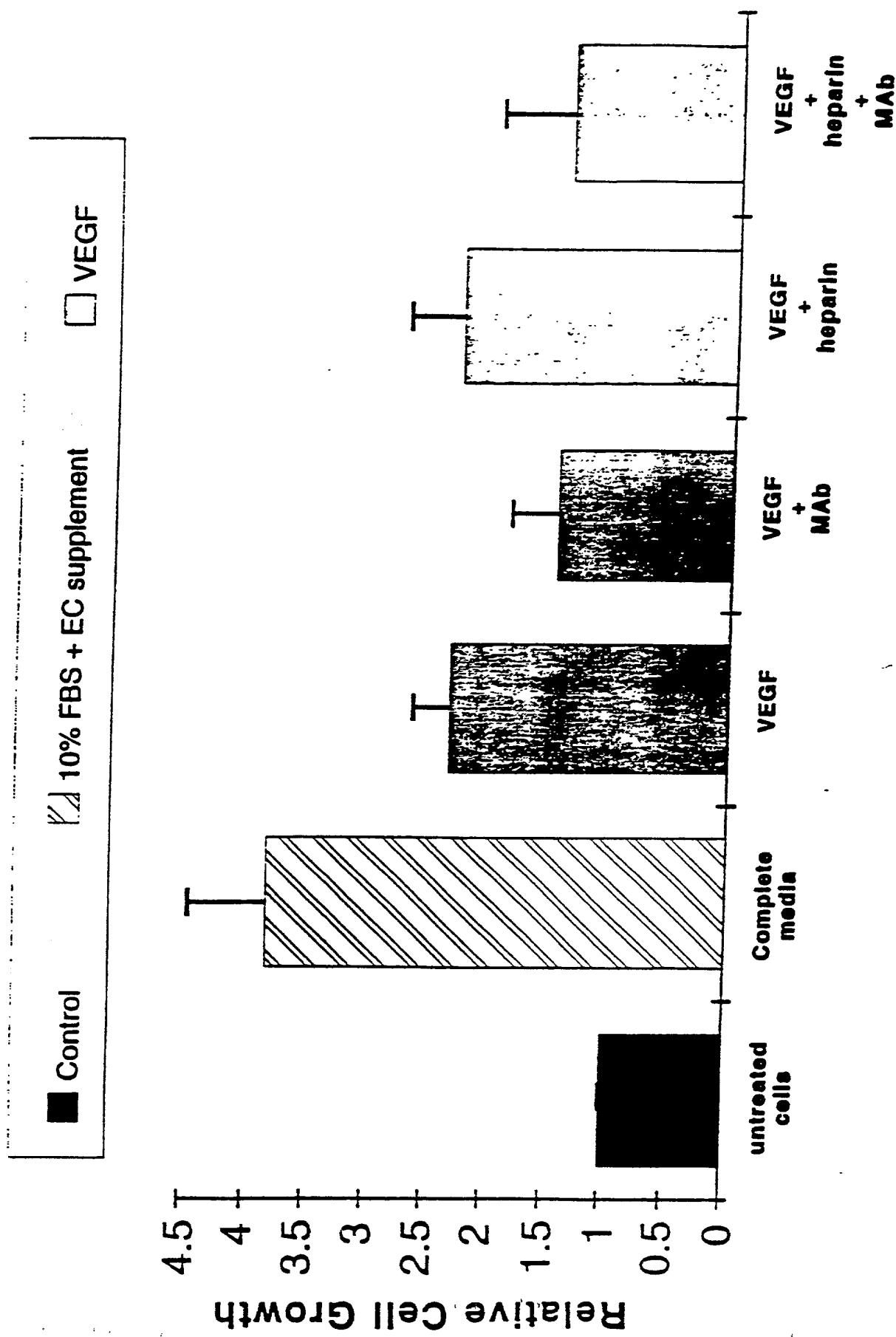


Figure 13

Figure 14



Effect of MAb DC101 on VEGF Receptor Forms in the Tumor Cell Lines A431 and 8161

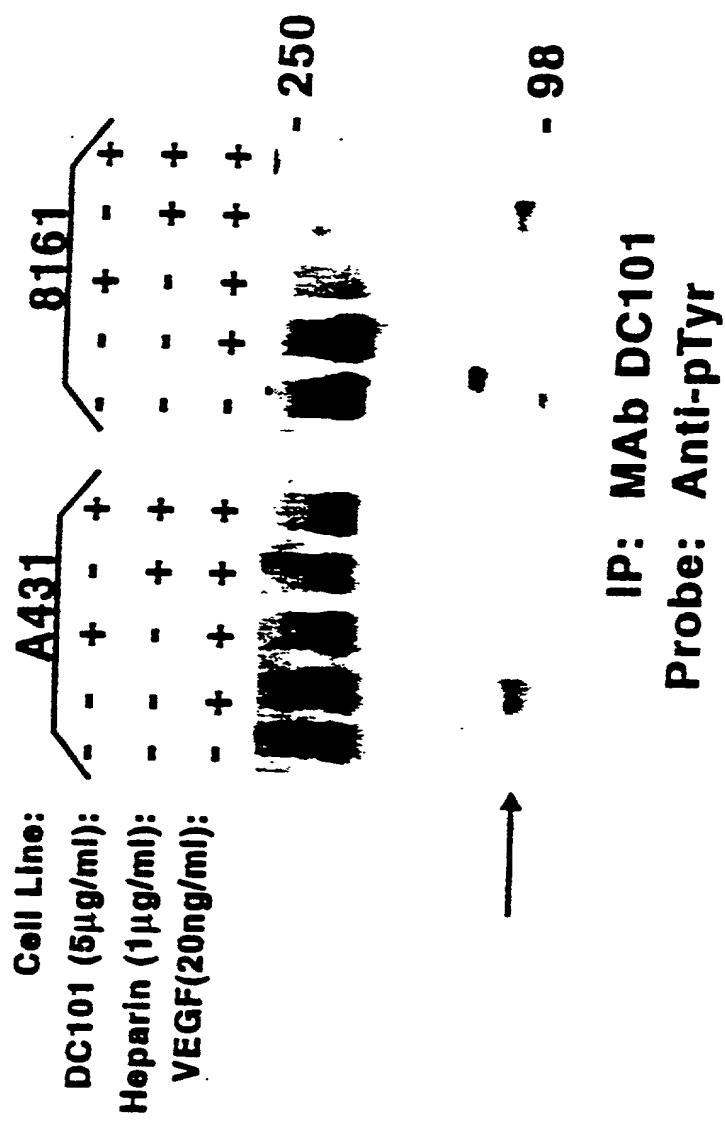
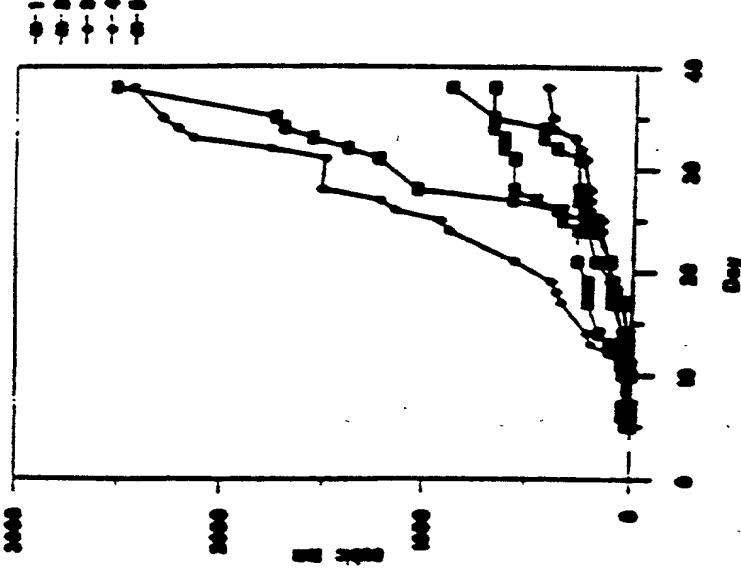


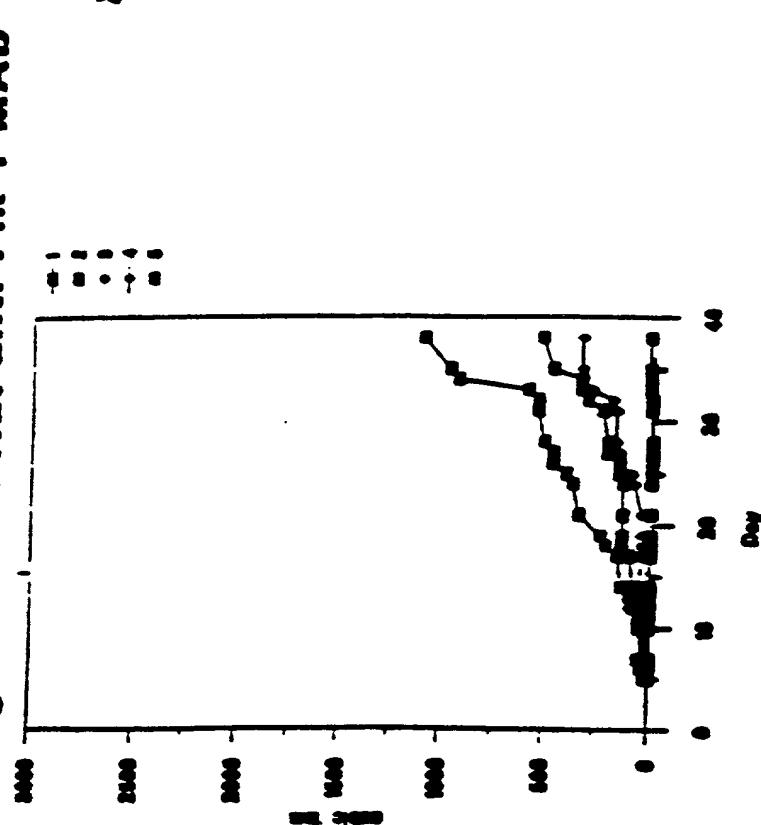
Figure 15

Figure 16
Tumor Growth

**Treatment of Glioblastoma
Xenografts with Rat anti-Flk-2 MAb**



**Treatment of Glioblastoma
Xenografts with Rat anti-Flk-1 MAb**



Statistical Analysis:

Flk-1 slope = 16.09

Flk-2 slope = 37.39

p value for Flk-1 versus Flk-2 tumor size = 0.0001

Figure 17

